

PUBLIC SAFETY DEPARTMENT[661]**Adopted and Filed**

Pursuant to the authority of Iowa Code section 103.6, the Electrical Examining Board hereby amends Chapter 500, “Electrician and Electrical Contractor Licensing Program—Organization and Administration,” and Chapter 502, “Electrician and Electrical Contractor Licensing Program—Licensing Requirements, Procedures, and Fees,” Iowa Administrative Code.

Iowa Code chapter 103 establishes the Electrical Examining Board and assigns it responsibility to establish and operate the statewide electrician and electrical contractor licensing program and to adopt administrative rules for the program. The amendments adopted herein are intended to simplify for many electricians the process of achieving licensure as journeyman electricians, by providing alternative pathways to attaining eligibility for such licensure, although passing an approved written examination continues to be required. The amendments are also intended to clarify that apprentice electricians and unclassified persons may work under the supervision of residential electricians on residential jobs and that residential master electricians may provide required general supervision of journeyman electricians on residential jobs. Finally, an amendment is adopted to permit issuance of a license without examination to a person who holds an equivalent license in a state which has entered into a reciprocal license agreement with the Iowa Electrical Examining Board.

Notice of Intended Action was published in the Iowa Administrative Bulletin as **ARC 9652B** on August 10, 2011. A public hearing on the proposed amendments was held on September 15, 2011. No comments were received on the proposed amendments at the hearing or otherwise.

Two corrective amendments were added (new Items 4 and 6) substituting “registered” for language referencing the United States Department of Labor in the apprenticeship requirement for residential electricians. These two changes were inadvertently omitted in the Notice of Intended Action when language was changed elsewhere in the rules to clarify that completion of apprenticeship in a program registered with a state which is recognized by the U.S. Department of Labor meets the Iowa apprenticeship requirement. In addition, paragraph 502.2(6)“c” was corrected to add the supervised written examination requirement for journeyman electricians included in the other lettered paragraphs of the subrule.

No fiscal impact on the state is anticipated from these amendments.

After analysis and review of this rule making, no impact on jobs has been found.

These amendments are intended to implement Iowa Code chapter 103.

These amendments will become effective on December 1, 2011.

The following amendments are adopted.

ITEM 1. Adopt the following **new** definition of “Special residential electrician” in rule **661—500.2(103)**:

“*Special residential electrician*” means a person who holds a current special electrician license with a residential endorsement.

ITEM 2. Adopt the following **new** subrules 502.1(4) and 502.1(5):

502.1(4) An apprentice electrician or an unclassified person, while performing electrical work, shall be directly supervised at all times by a master electrician or a journeyman electrician or, while performing residential electrical work only, by a residential master electrician, a residential electrician, or a special residential electrician. A master electrician, a journeyman electrician, a residential master electrician, a residential electrician, or a special residential electrician shall at no time directly supervise more than three apprentice electricians and unclassified persons at once. For purposes of this subrule, “unclassified person” includes a person who is working as an unclassified person and holds either an “unclassified person” license or another license issued by the board.

502.1(5) A journeyman electrician or a residential electrician shall work under the general direction of a master electrician or, while performing residential electrical work only, under the general direction

of a residential master electrician. A special residential electrician may perform residential work without supervision or direction.

ITEM 3. Amend subrule 502.2(6) as follows:

502.2(6) A class A journeyman electrician license may be issued to a person who submits to the board a completed application with the applicable fee, who is not disqualified from holding a license pursuant to rule 661—502.4(103), and who meets one of the following requirements:

a. Has successfully completed a registered apprenticeship program, has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher, and has completed four years of experience as an apprentice electrician; ~~or~~

~~*b.* As of December 31, 2007, held a current valid license as a journeyman electrician issued by a political subdivision in Iowa, the issuance of which required passing a supervised written examination approved by the board, and has completed a registered apprenticeship program and four years of experience as an apprentice electrician; or~~

~~*c.*~~ *b.* Holds a current class B journeyman electrician license and has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher.

c. ~~EXCEPTION: An electrician currently licensed~~ Holds a current electrician license in another state ~~may satisfy~~, has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher, and has satisfied the sponsorship requirements for testing for a journeyman class A license by providing evidence of all of the following:

~~1-~~ (1) Current licensure as a journeyman or master electrician from another state which required passing a test sponsored by that state.

~~2-~~ (2) Completion of 18 hours of continuing education units approved by the board.

~~3-~~ (3) Completion of 1,000 hours of work in Iowa as an unclassified person.

d. Holds a current license issued by the board, excluding a special electrician license other than special residential electrician license; has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher; has completed 54 hours of continuing education approved by the board; and has completed 16,000 hours of electrical work while licensed by the board, except as a special electrician other than a special residential electrician, as verified by a master electrician licensed by the board. The 16,000 hours must include at least the following minimum number of hours of work on commercial or industrial installations in the categories indicated: 500 hours of preliminary work, 2,000 hours of rough-in work, 2,000 hours of finish work, 2,000 hours of lighting and service work, 500 hours of troubleshooting, and 500 hours of motor control work. At least 4,000 hours of the 16,000 hours must have been completed by the applicant within the five years immediately preceding the submission date of the application.

EXCEPTION: On or before December 31, 2019, a maximum of 10,000 of the required 16,000 hours of verified work experience may have been completed between January 1, 2000, and December 31, 2007, without licensure from the board or from any political subdivision.

e. Holds a current license issued by the board as a residential electrician or residential master electrician, has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher, and has completed 4,000 hours of work on commercial or industrial electrical installations while licensed by the board, as verified by a master electrician licensed by the board. The 4,000 hours must include at least the following minimum numbers of hours in the categories indicated: 100 hours of preliminary work, 500 hours of rough-in work, 500 hours of finish work, 500 hours of lighting and service work, 100 hours of troubleshooting, and 100 hours of motor control work.

f. Holds a current license issued by the board, has satisfactorily completed an approved postsecondary electrical education program, has passed a supervised written examination for journeyman electrician approved by the board with a score of 75 or higher, and, subsequent to beginning the postsecondary electrical education program, has completed at least 6,000 hours of electrical work while licensed by the board, as verified by a master electrician licensed by the board.

ITEM 4. Amend paragraph **502.2(8)“e”** as follows:

e. Has successfully completed a registered residential electrician apprenticeship program ~~approved by the United States Department of Labor~~ and passed a supervised written residential electrician examination approved by the board with a score of 75 or higher.

ITEM 5. Amend paragraph **502.2(9)“b”** by adding the following new paragraphs at the end thereof:

NOTE: An individual who holds any of the following licenses issued by the plumbing and mechanical systems board established pursuant to Iowa Code section 105.3 is not required to hold a license issued by the electrical examining board in order to perform disconnection and reconnection of existing air conditioning and refrigeration systems:

1. Master HVAC.
2. Journeyman HVAC.
3. Master refrigeration.
4. Journeyman refrigeration.

ITEM 6. Amend subrule 502.2(10) as follows:

502.2(10) An apprentice electrician license may be issued to a person who submits a completed application to the board with the applicable fee, who is not disqualified pursuant to rule 661—502.4(103), and who is participating in ~~an~~ a registered apprenticeship ~~training~~ program ~~that is registered with the Bureau of Apprenticeship and Training of the United States Department of Labor~~. A person may hold an apprentice electrician license for no more than six years from the original date on which an apprentice electrician license is granted, except that a person may apply to the board for an exception to this limitation based upon a documented hardship. “Documented hardship” includes, but is not limited to, an interruption in service as an apprentice electrician for active military duty or for an extended illness.

ITEM 7. Adopt the following new subrule 502.2(14):

502.2(14) Reciprocal licensing. A license may be issued, without examination, to a person who holds a license from another state provided that the board has entered into an agreement with the other state providing for reciprocal issuance of licenses and that the agreement recognizes the equivalency of the license issued by the other state and the Iowa license to be issued. The person applying for an Iowa license based on this subrule shall provide a copy of the license from the other state, a completed application for an Iowa license, and the applicable license fee. The board may require additional evidence that the person’s license is current.

[Filed 9/29/11, effective 12/1/11]

[Published 10/19/11]

EDITOR’S NOTE: For replacement pages for IAC, see IAC Supplement 10/19/11.